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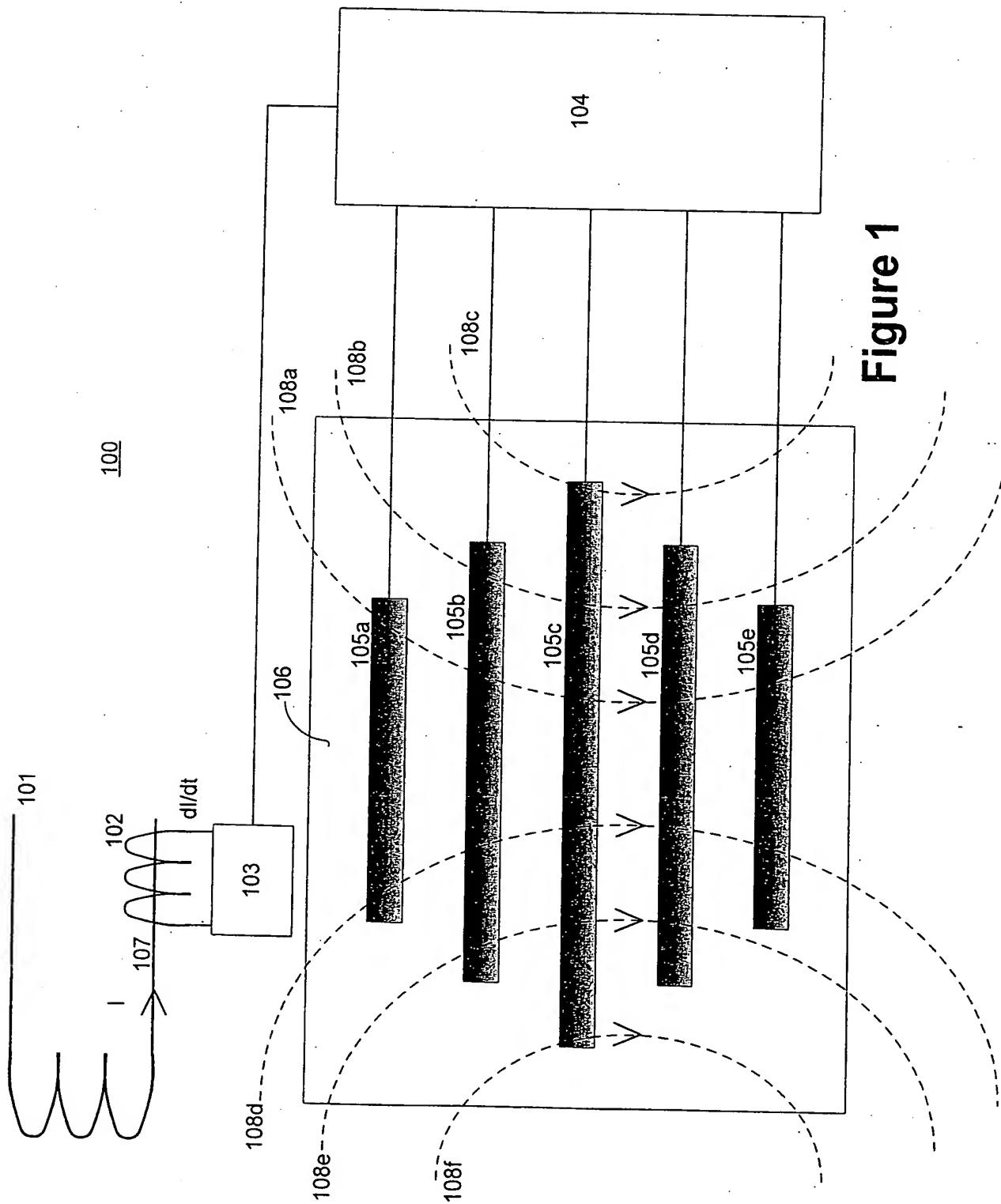
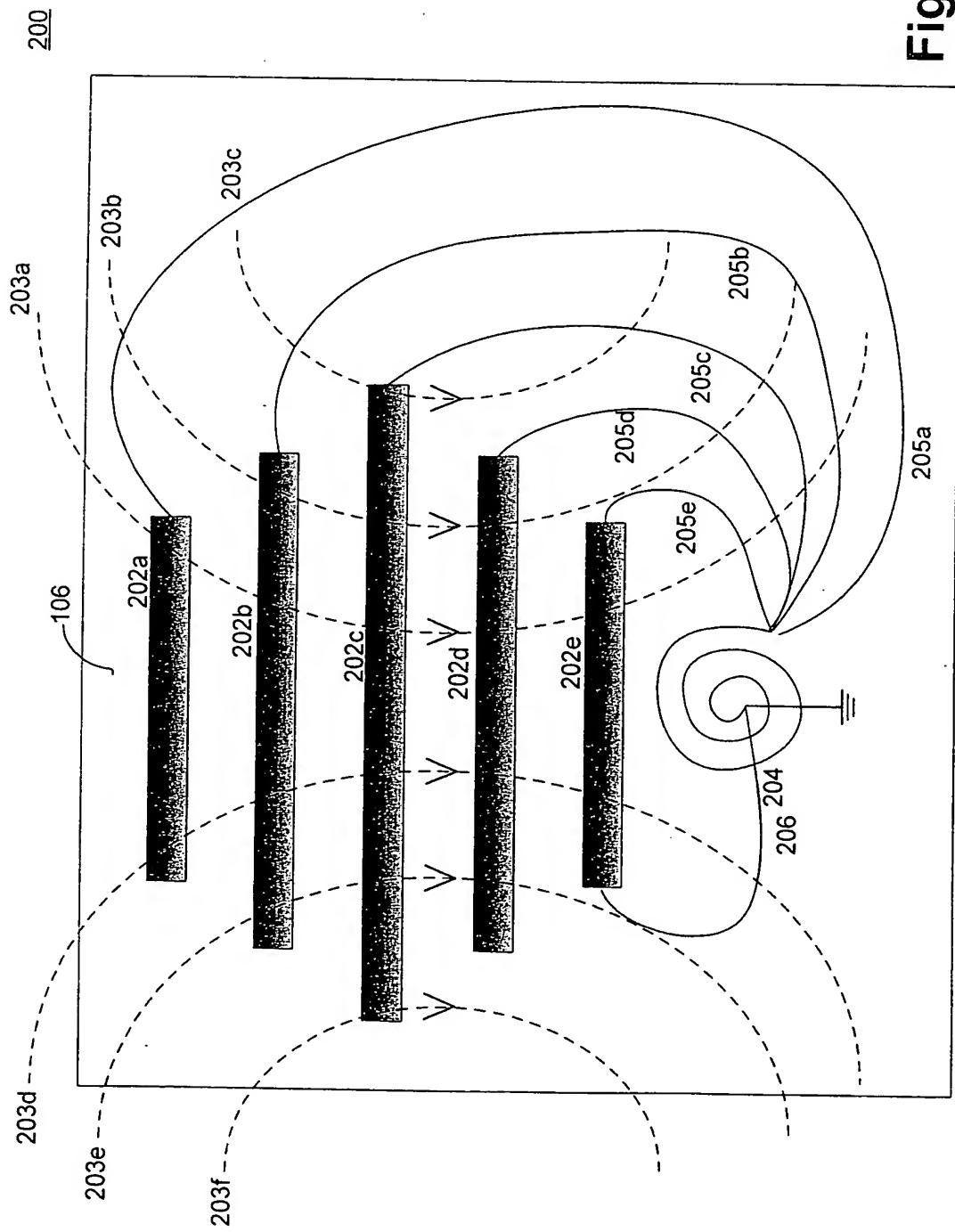


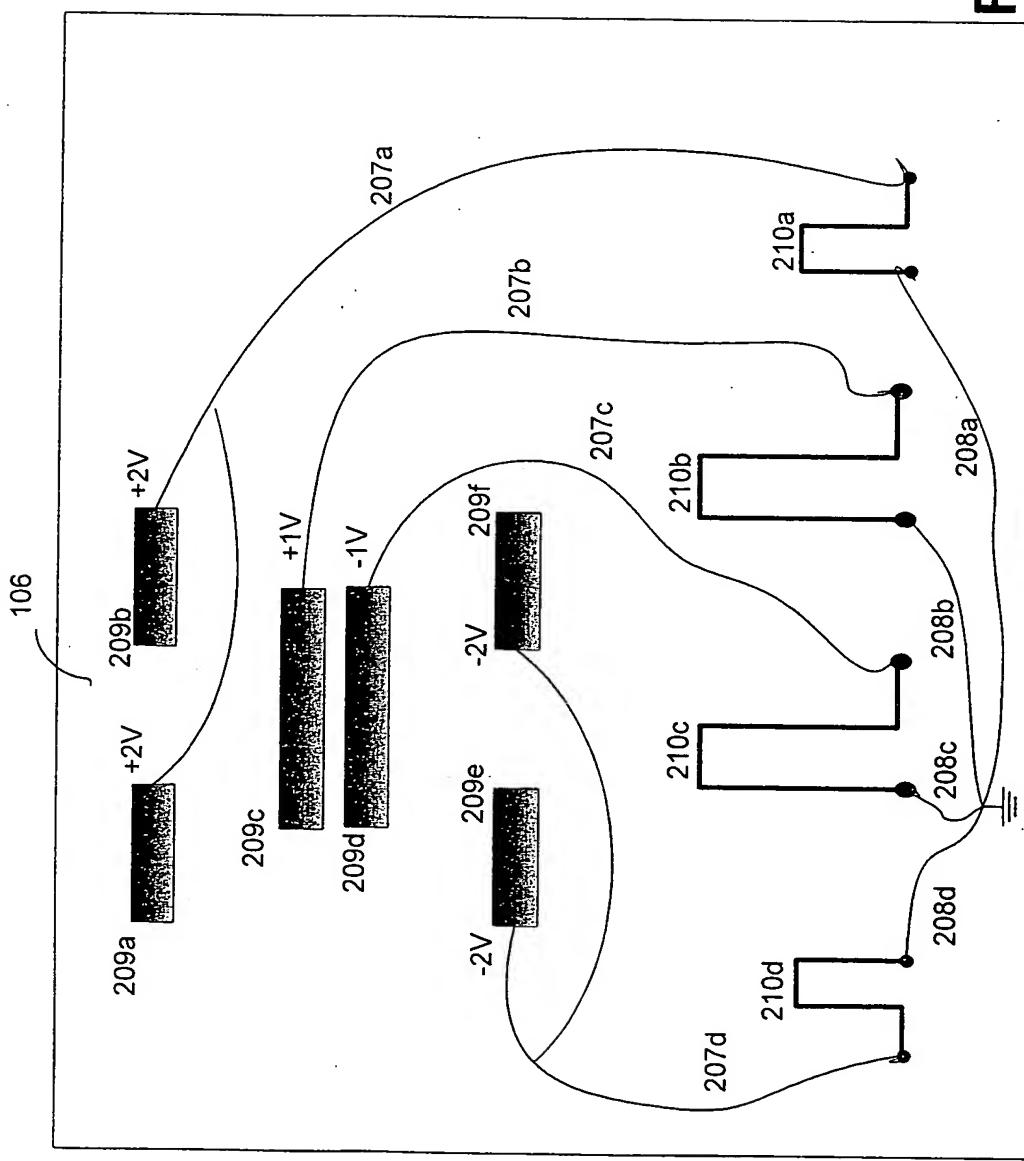
Figure 1

Figure 2



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200



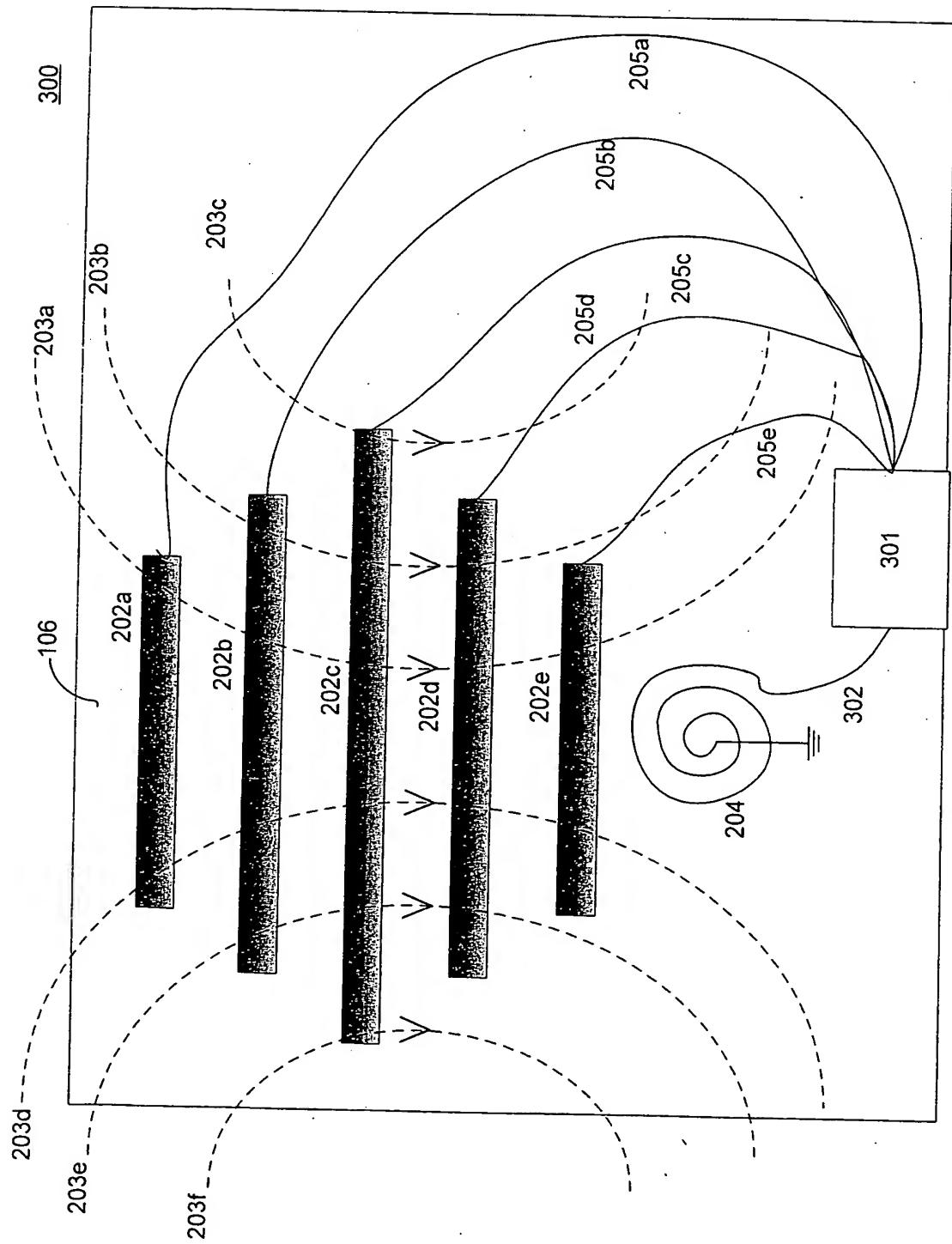


Figure 3

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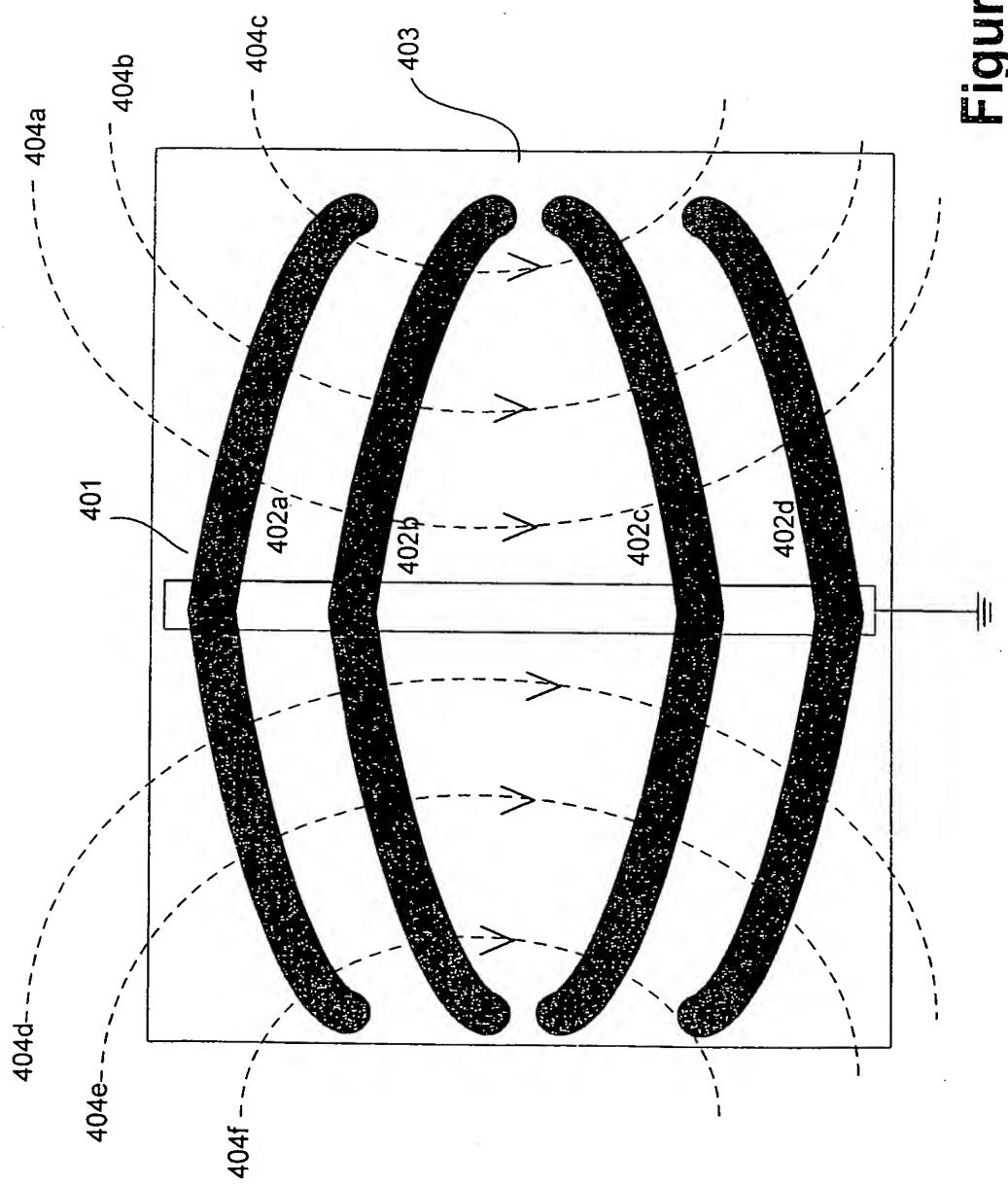


Figure 4

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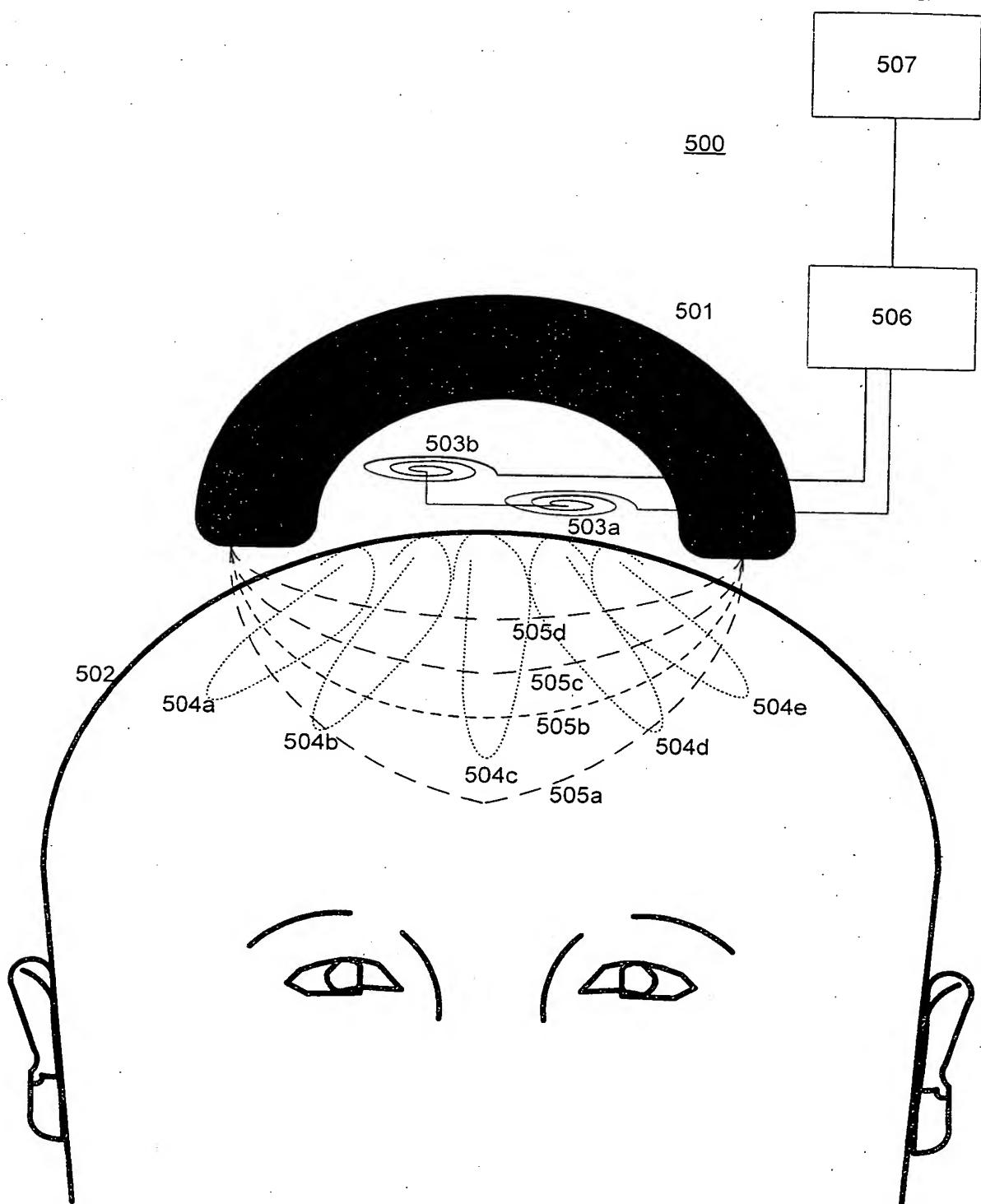


Figure 5

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600

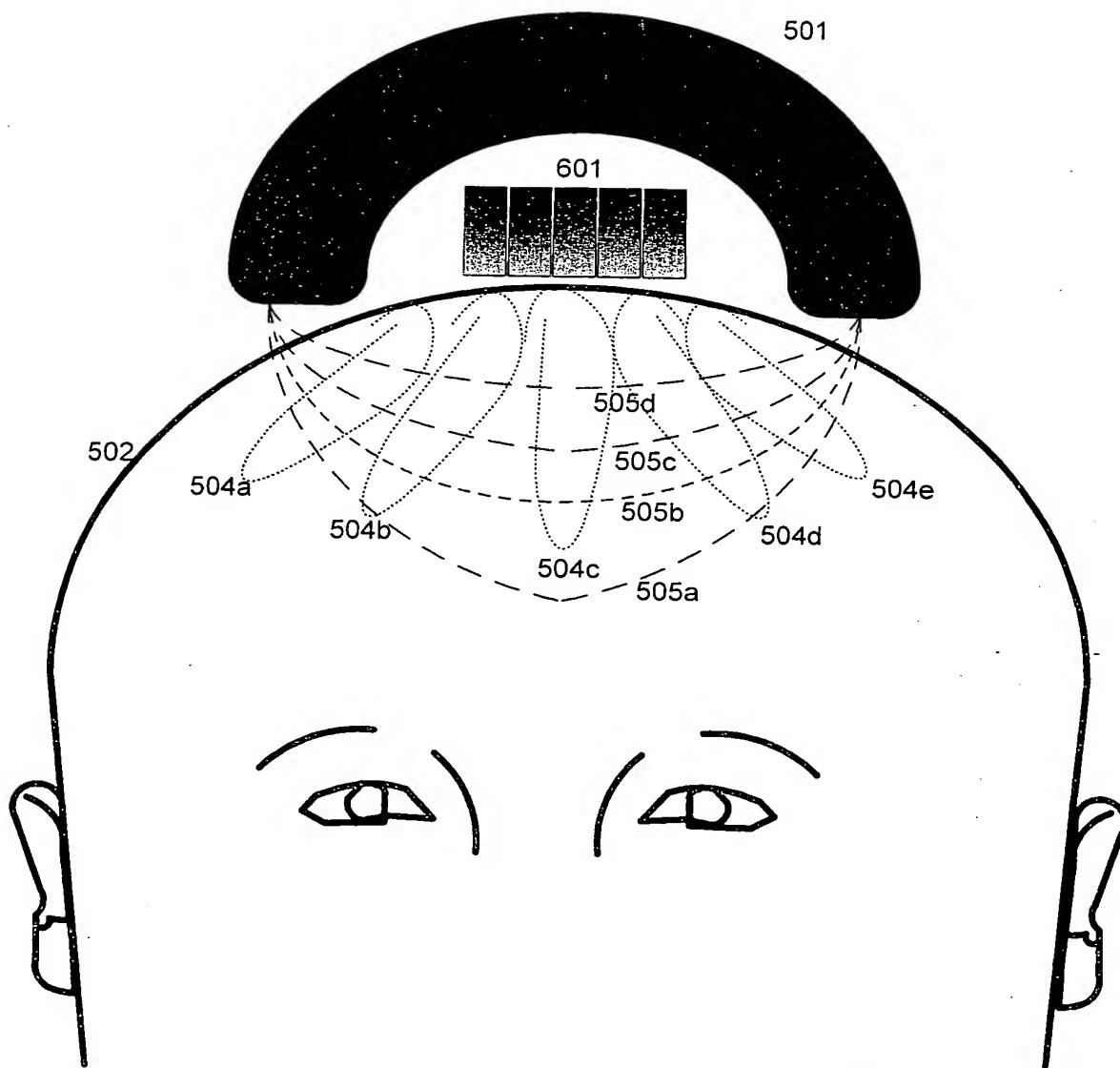


Figure 6

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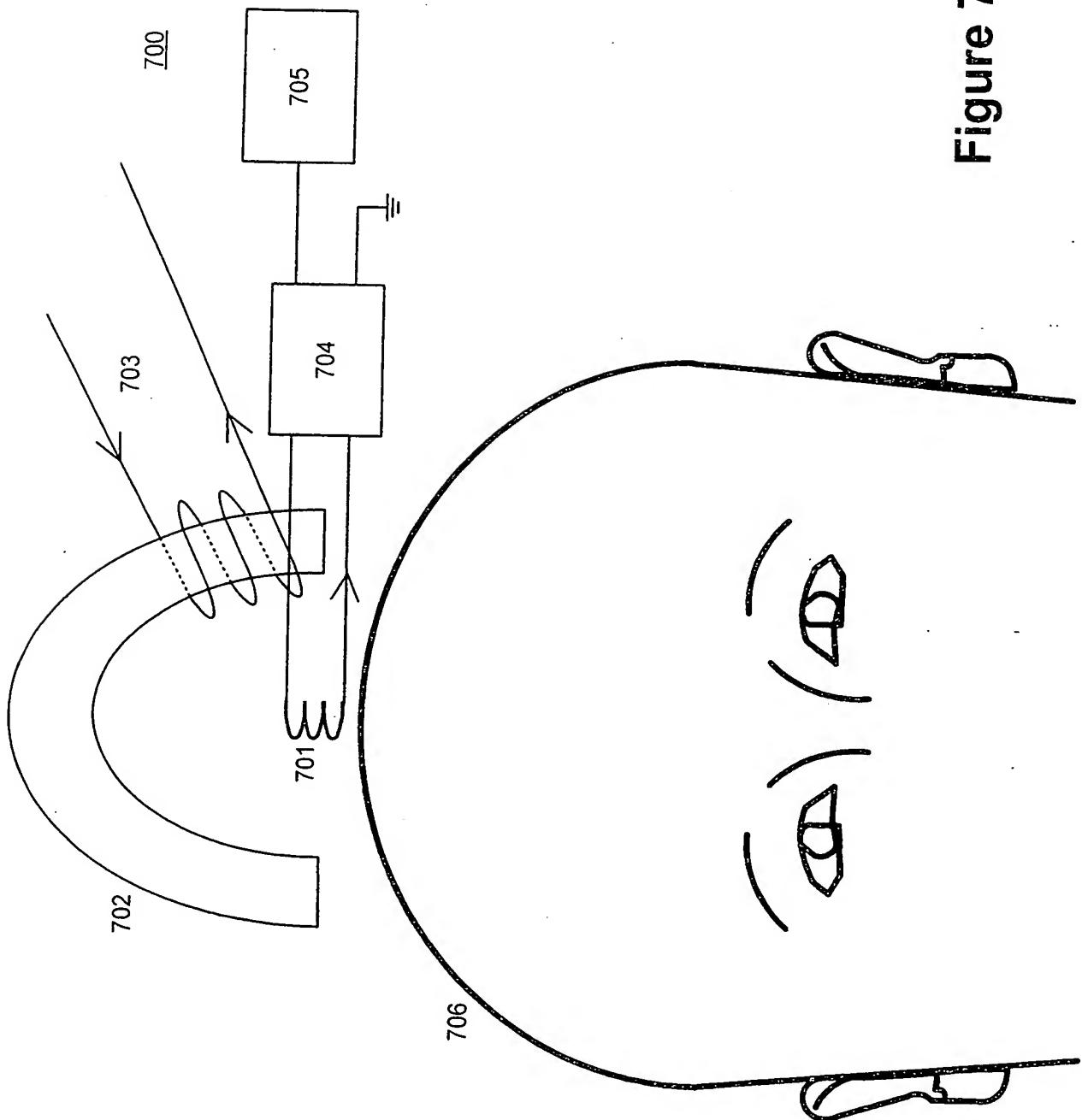


Figure 7

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800

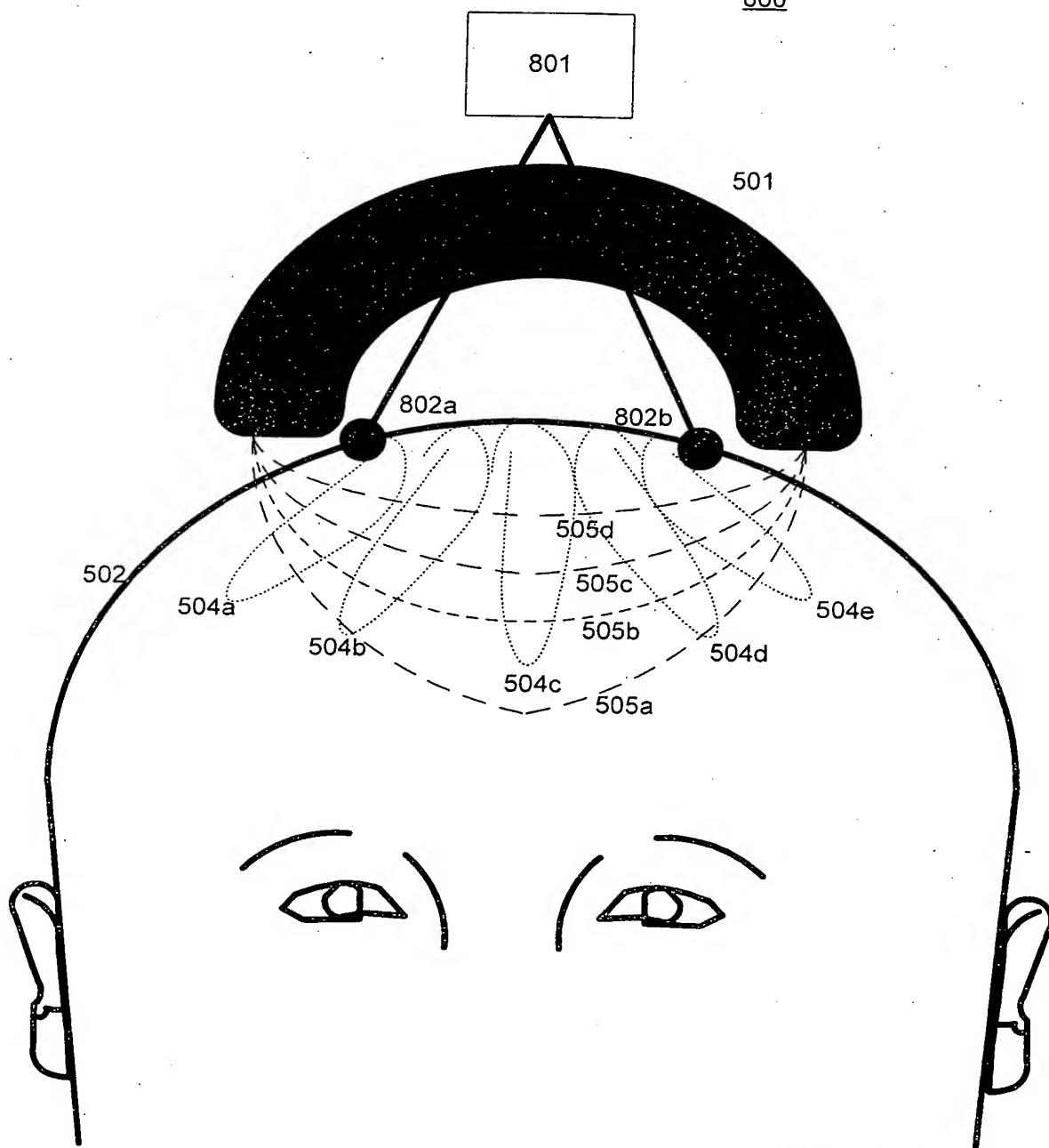


Figure 8

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900

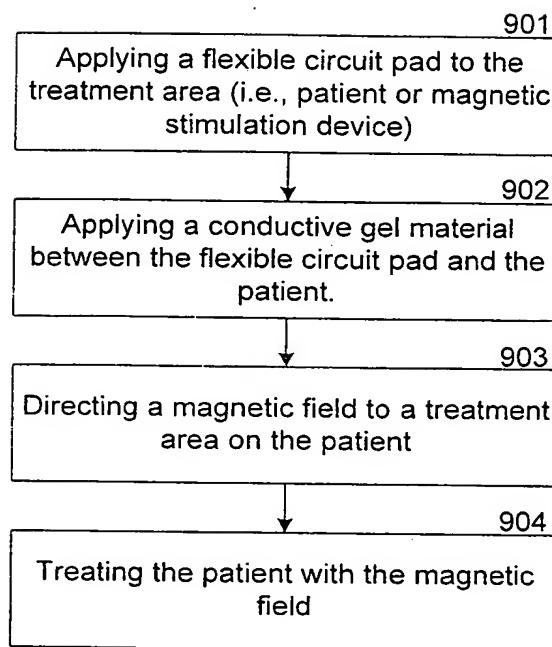


Figure 9

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1000

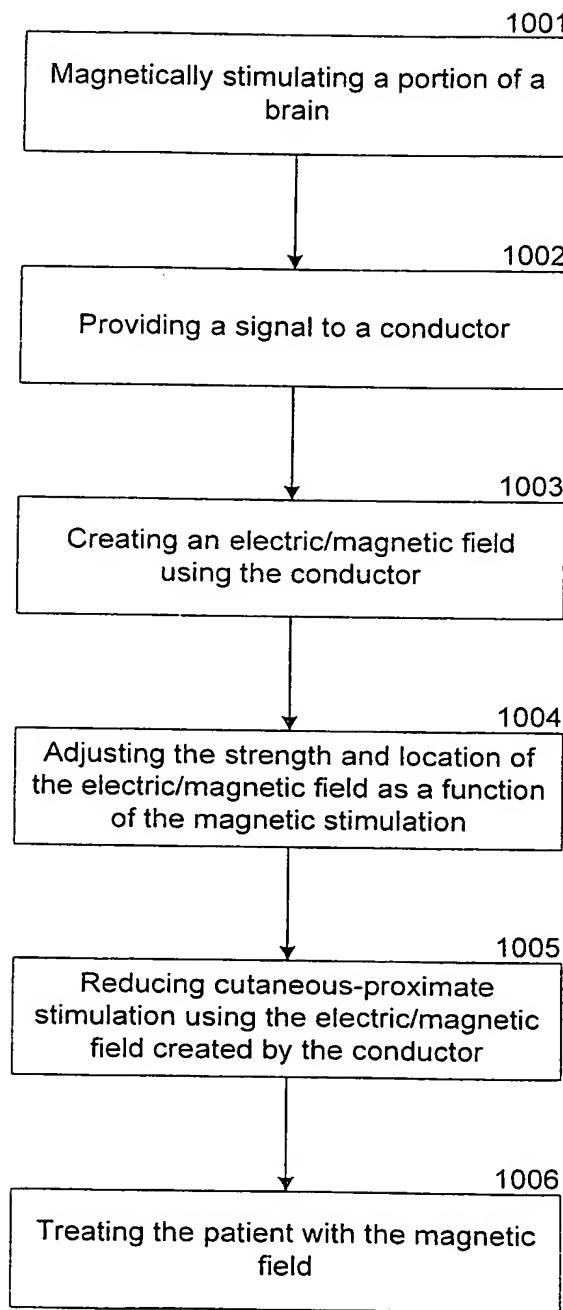


Figure 10

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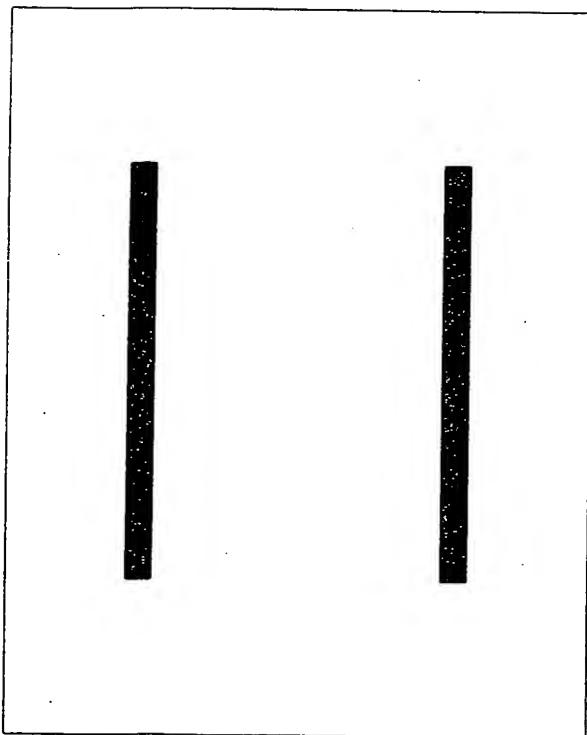


Figure 11

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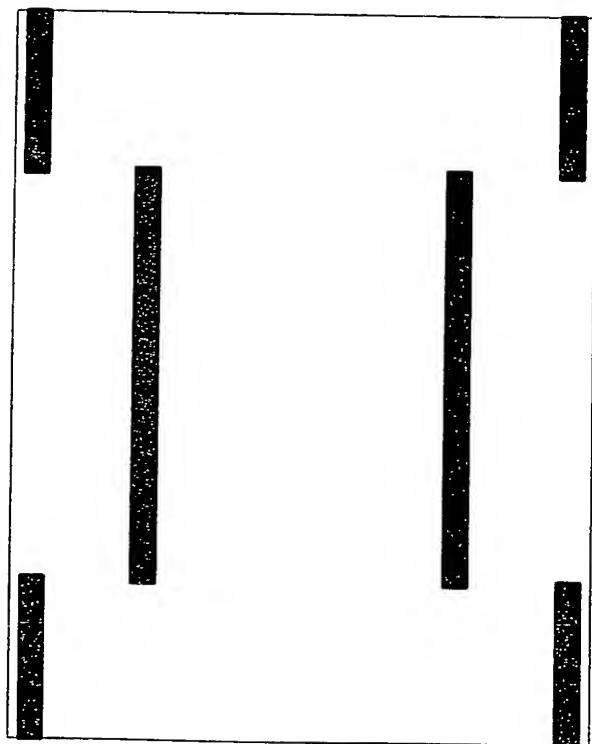


Figure 12

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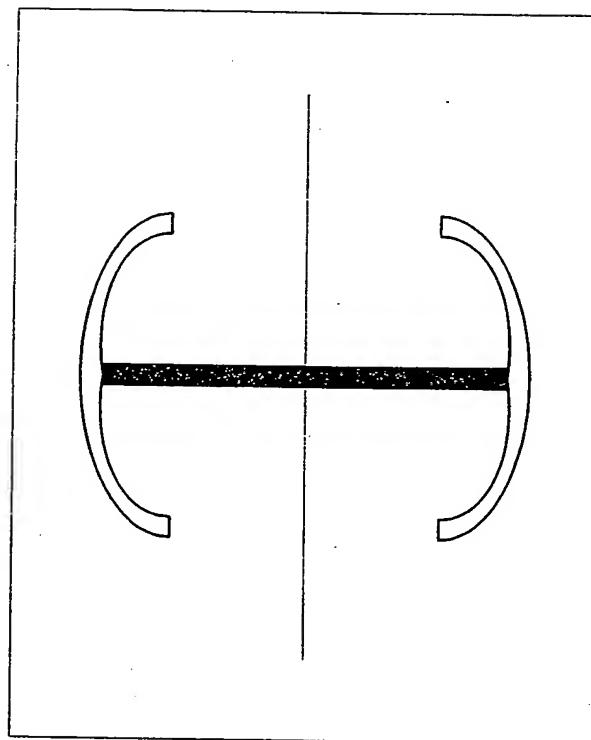


Figure 13

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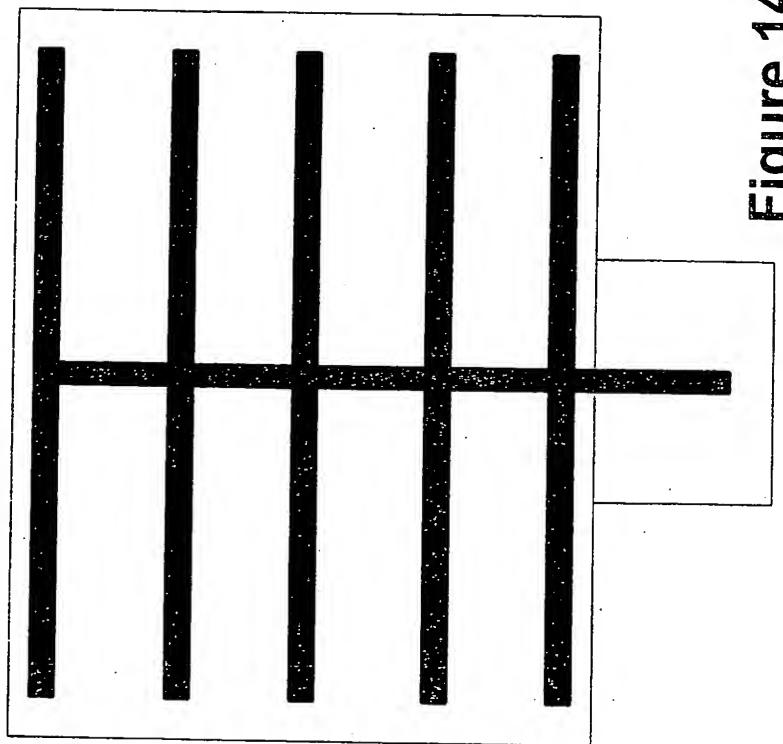
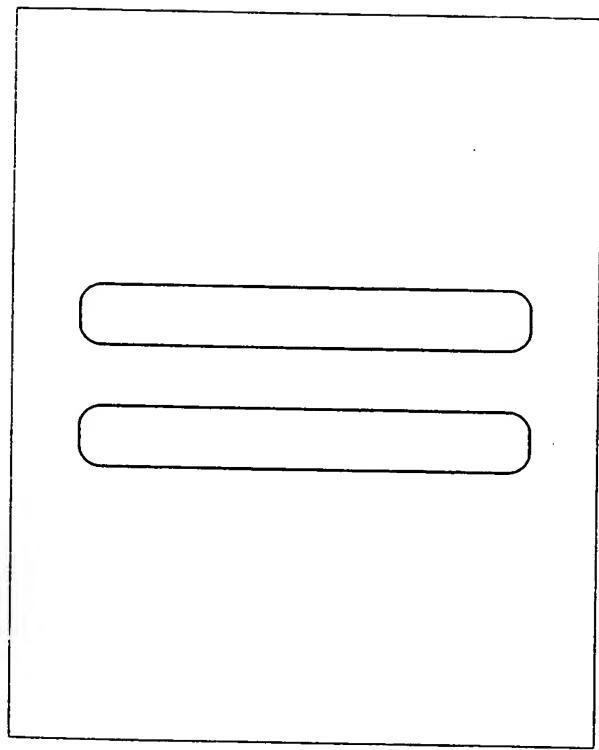


Figure 14

Figure 15



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}

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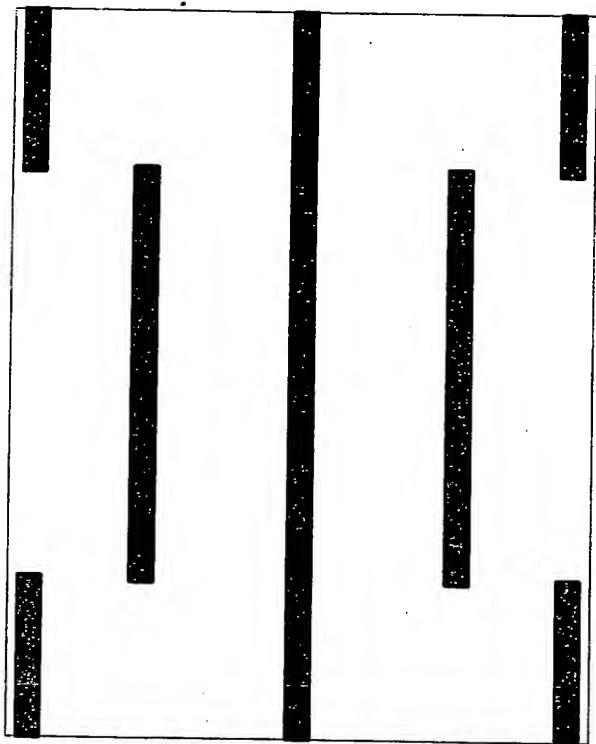
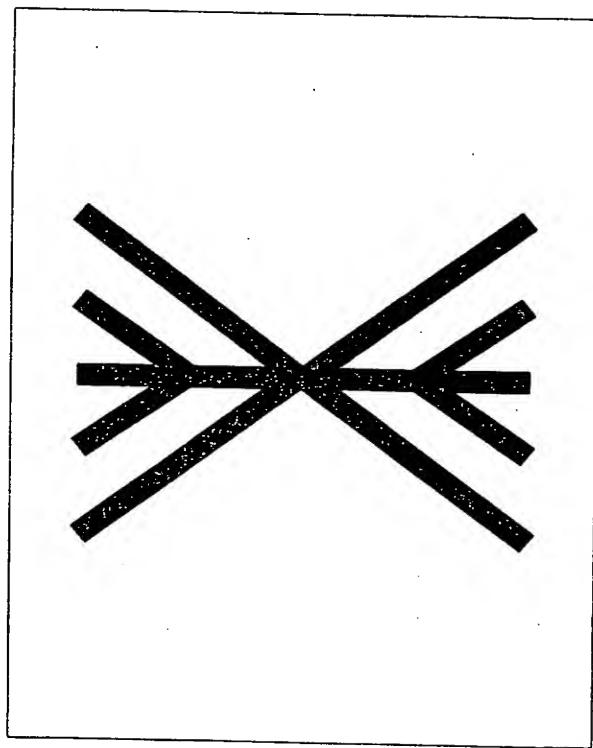


Figure 16

Figure 17



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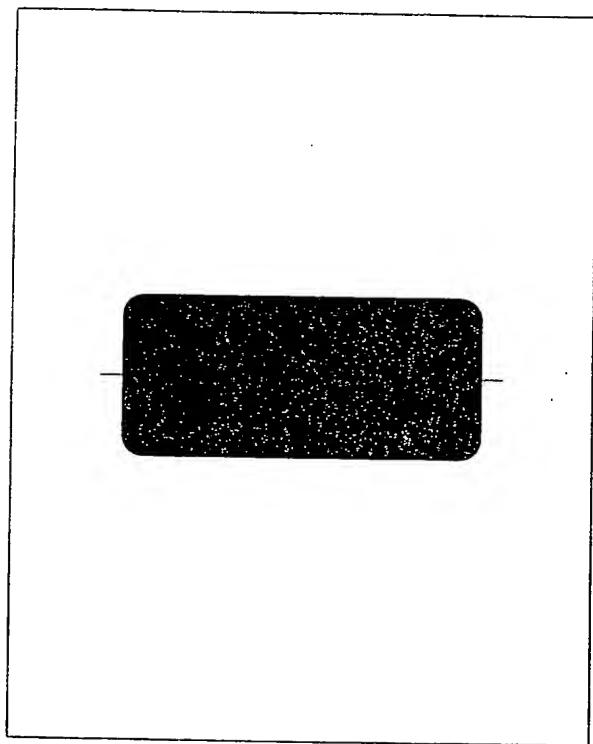
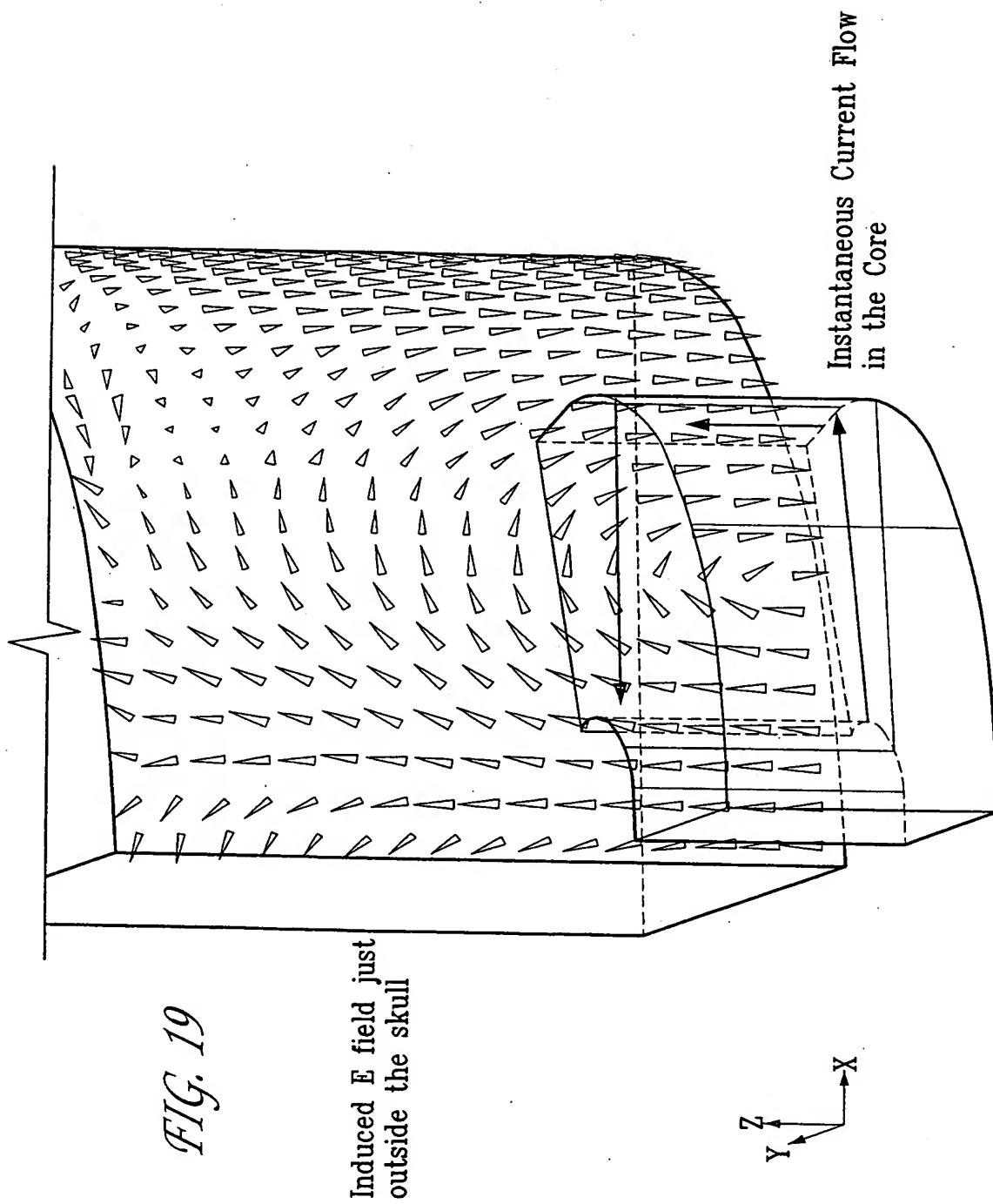
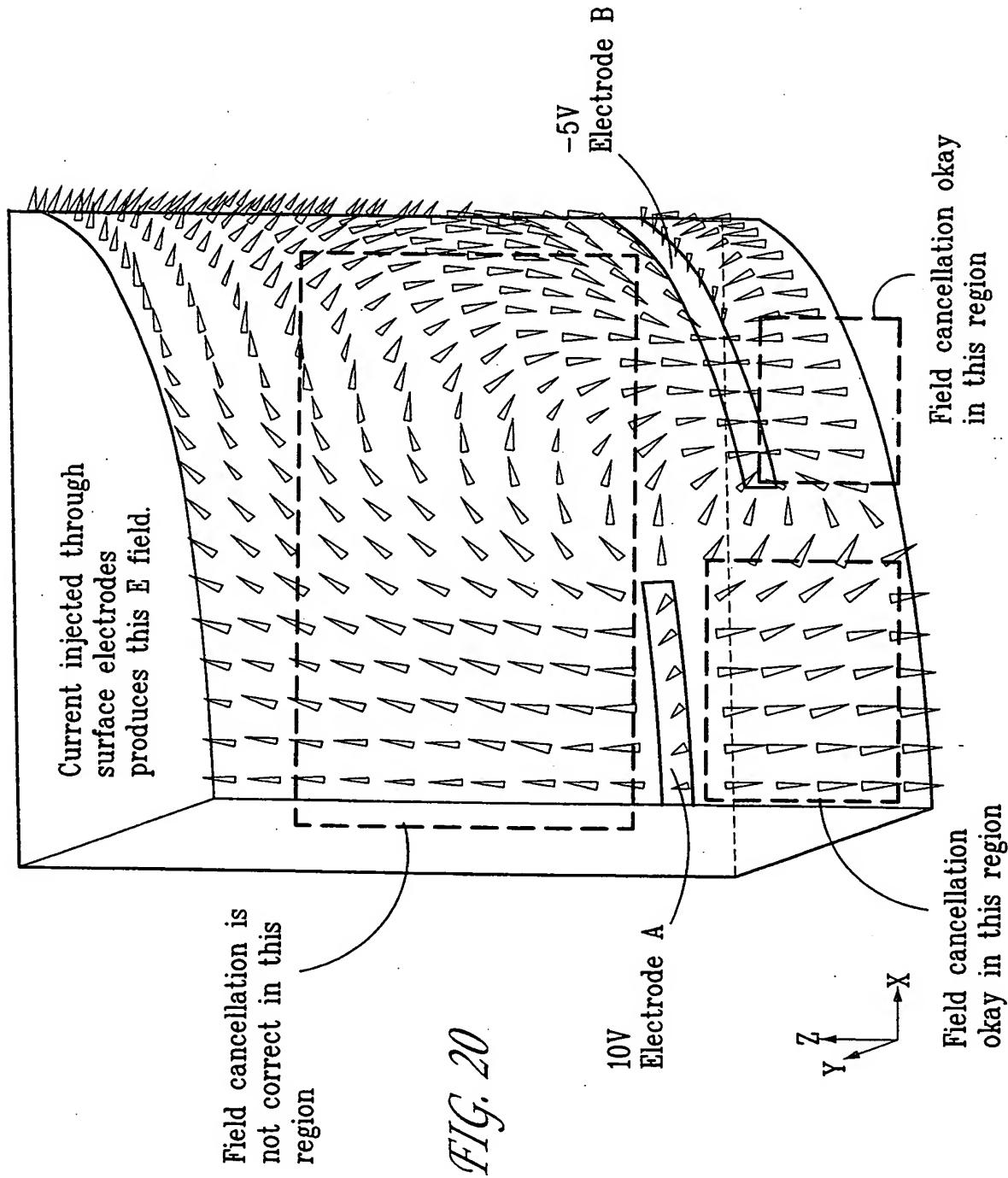


Figure 18

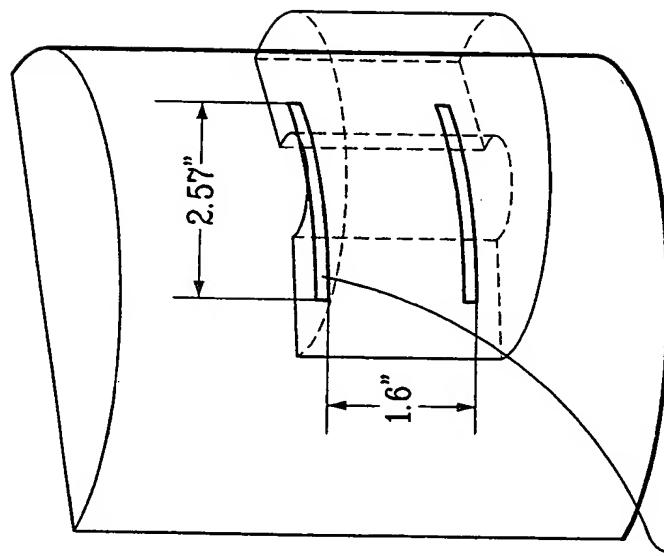
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Electrode is $1\frac{1}{8}$ " thick and is energized with 3.83 V with respect to the lower electrode with an excitation of 20,364 Amp-turns @5.2kHz

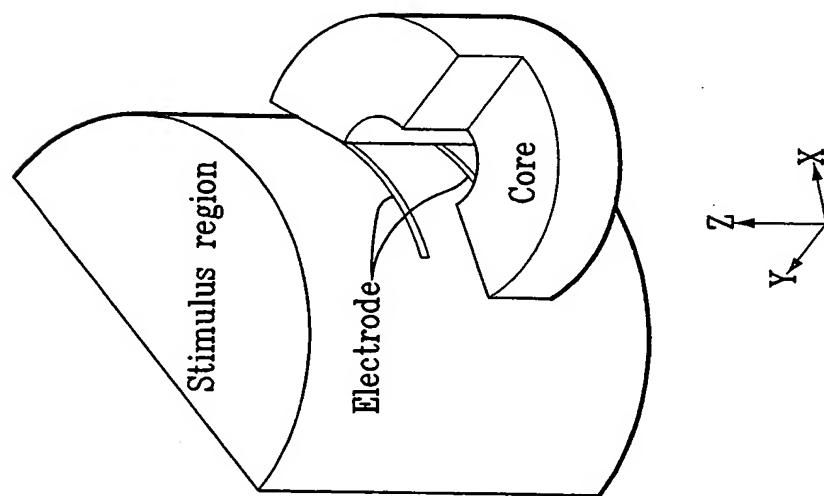
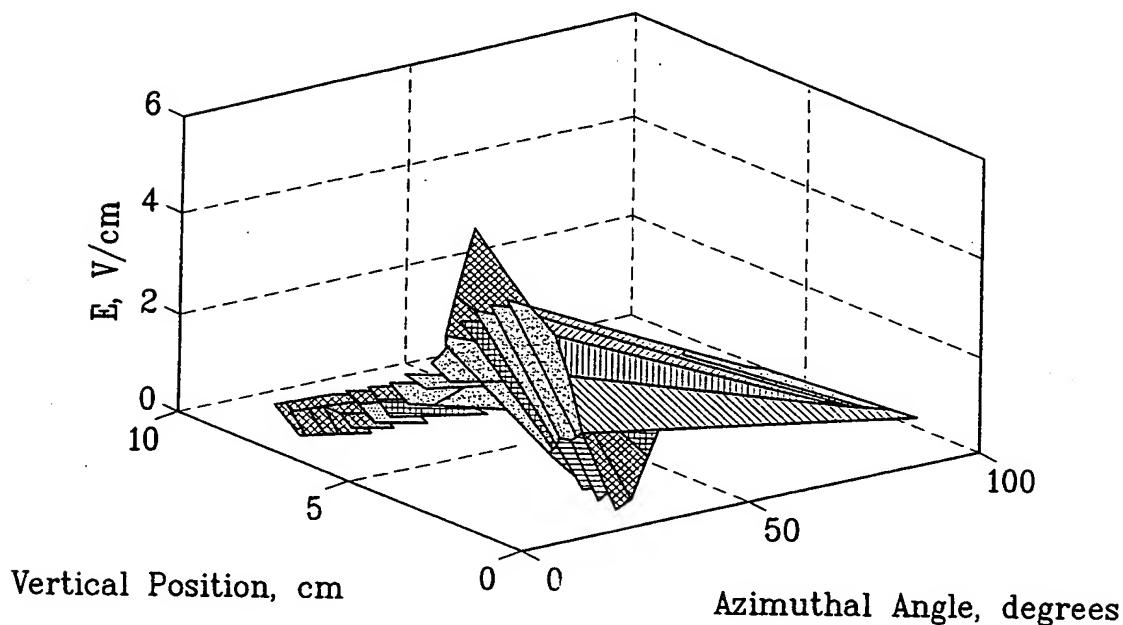


FIG. 21

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Surface plot of total E - no Cancellation



Contour of E, no Cancellation

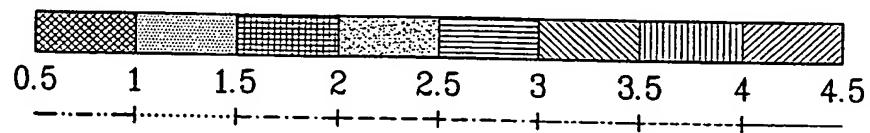
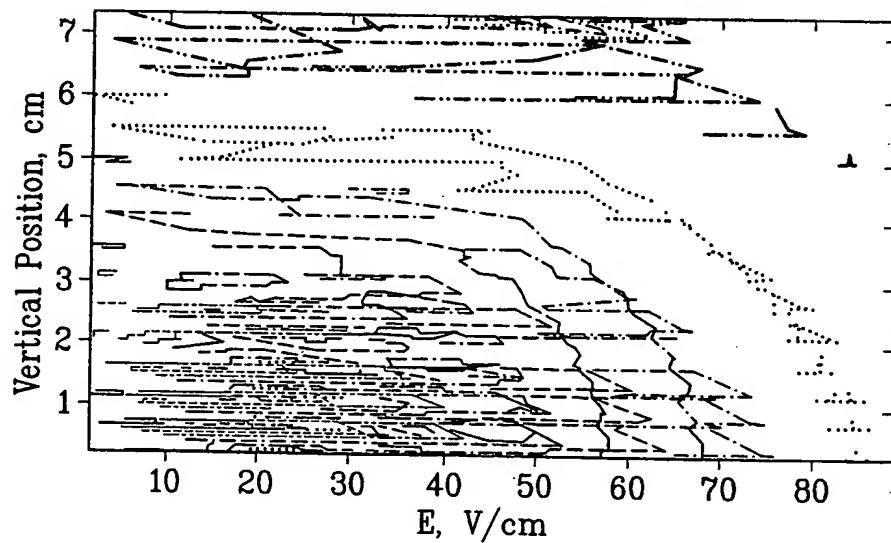
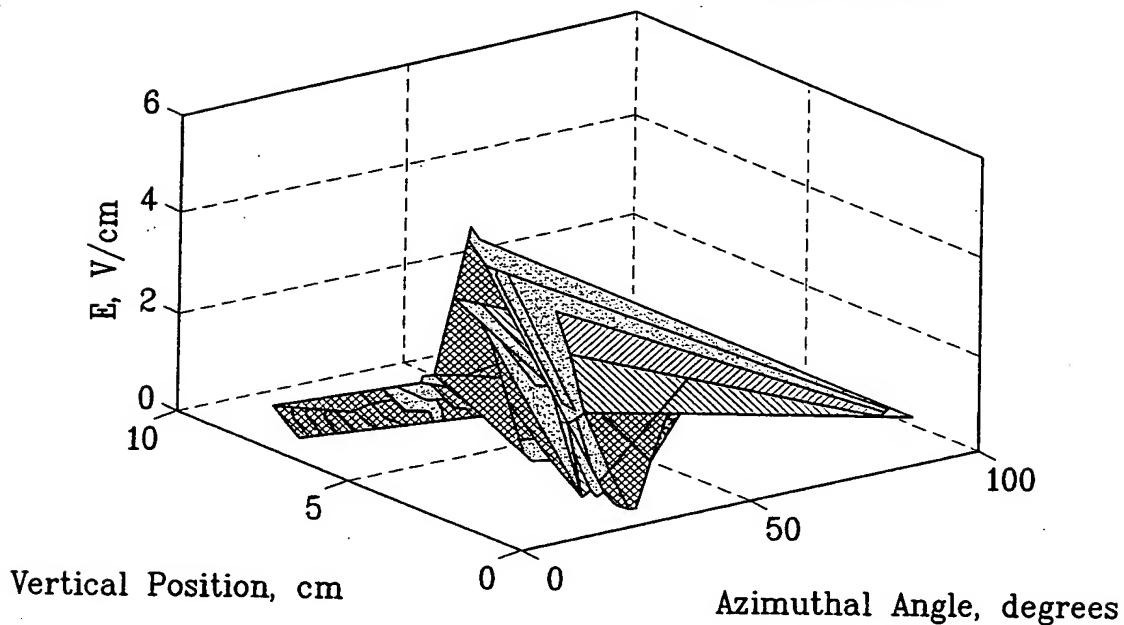


FIG. 22A

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Surface plot of total E - with Cancellation



Contour of E, with Cancellation

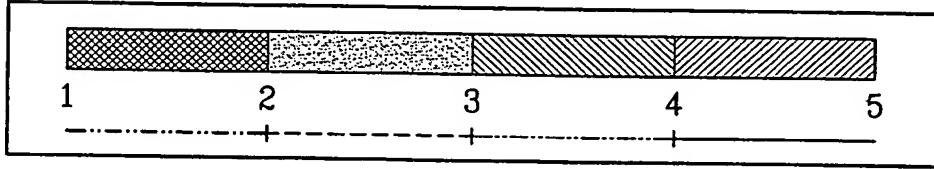
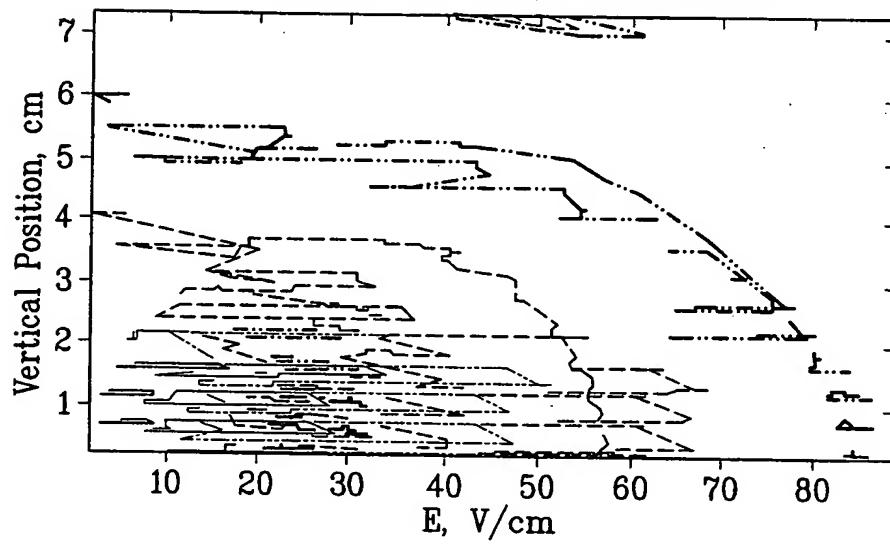
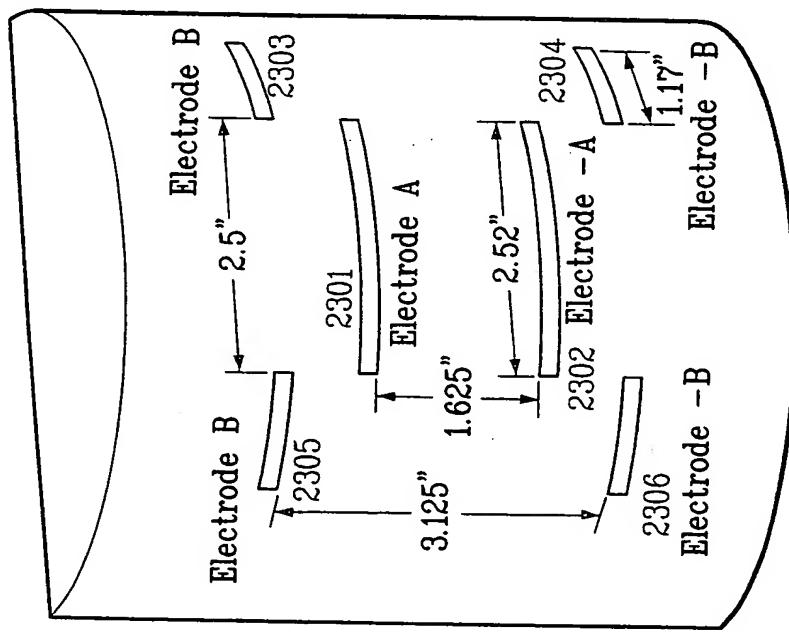


FIG. 22B

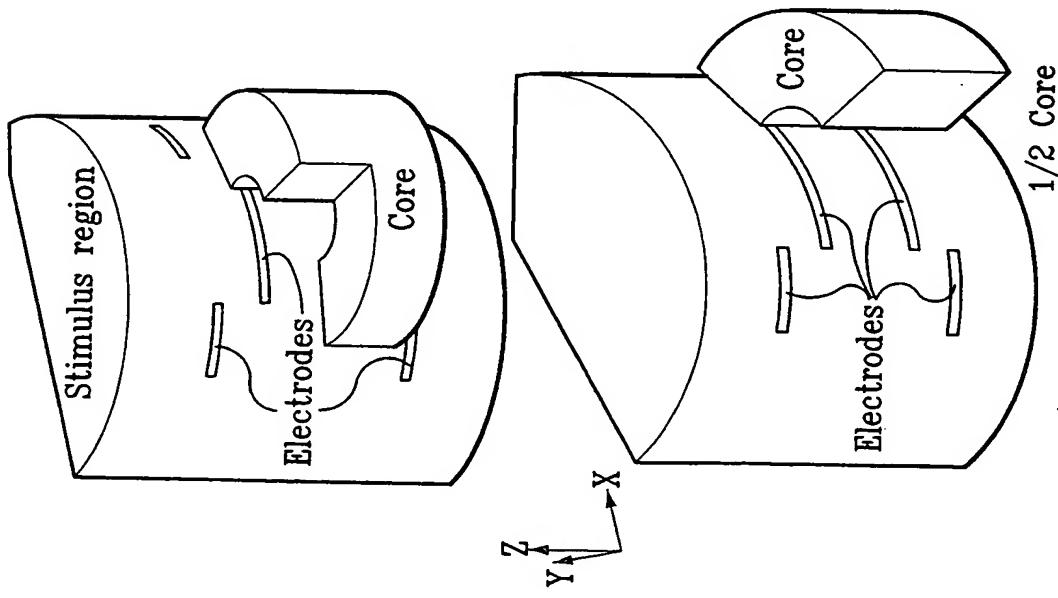
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FIG. 23

All electrodes are $1/8"$ high



V. electrode A to -A is 1.86 V
V electrode B to -B is 3.37 V



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FIG. 24

